

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/063,356

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/09/063,356

TIME: 10:29:21

Input Set : N:\Crf3\RULE60\09063356.raw.txt

Output Set: N:\CRF4\02282005\I063356.raw

## SEQUENCE LISTING

```

3 (1) GENERAL INFORMATION:
5   (i) APPLICANT: Beattie, Kenneth L.
7   (ii) TITLE OF INVENTION: Microfabricated, Flowthrough Porous
8                               Apparatus for Discrete Detection of Binding Reactions
10  (iii) NUMBER OF SEQUENCES: 17
12  (iv) CORRESPONDENCE ADDRESS:
13      (A) ADDRESSEE: Vinson & Elkins
14      (B) STREET: 1455 Pennsylvania Avenue, N.W.
15      (C) CITY: Washington
16      (D) STATE: D.C.
17      (E) COUNTRY: U.S.A.
18      (F) ZIP: 20004-1008
20  (v) COMPUTER READABLE FORM:
21      (A) MEDIUM TYPE: Floppy disk
22      (B) COMPUTER: IBM PC compatible
23      (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24      (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
26  (vi) CURRENT APPLICATION DATA:
C--> 27      (A) APPLICATION NUMBER: US/09/063,356
C--> 28      (B) FILING DATE: 21-Apr-1998
29      (C) CLASSIFICATION:
31  (vii) PRIOR APPLICATION DATA:
32      (A) APPLICATION NUMBER: US/08/631,751
33      (B) FILING DATE: 10-April-1996
35  (viii) ATTORNEY/AGENT INFORMATION:
36      (A) NAME: Sanzo, Michael A.
37      (B) REGISTRATION NUMBER: 36,912
38      (C) REFERENCE/DOCKET NUMBER: HARC0001
40  (ix) TELECOMMUNICATION INFORMATION:
41      (A) TELEPHONE: (202)639-6500
42      (B) TELEFAX: (202)639-6604
45 (2) INFORMATION FOR SEQ ID NO: 1:
47   (i) SEQUENCE CHARACTERISTICS:
48       (A) LENGTH: 130 base pairs
49       (B) TYPE: nucleic acid
50       (C) STRANDEDNESS: double
51       (D) TOPOLOGY: linear
53   (ii) MOLECULE TYPE: cDNA
59   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
61 GCAAGCTTGC TGGTGAAG GACCTCTCGA AGTGTGGAT ATAGGCCAGA CTTTGTGGA      60
63 TTTGAAATTC CAGACAAGTT TGTTGTTGGA TATGCCCTTG ACTATAATGA GTACTTCAGG      120
65 GATTGAATC                                     130

```

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/09/063,356

TIME: 10:29:21

Input Set : N:\Crf3\RULE60\09063356.raw.txt

Output Set: N:\CRF4\02282005\I063356.raw

67 (2) INFORMATION FOR SEQ ID NO: 2:  
69 (i) SEQUENCE CHARACTERISTICS:  
70 (A) LENGTH: 57 base pairs  
71 (B) TYPE: nucleic acid  
72 (C) STRANDEDNESS: double  
73 (D) TOPOLOGY: linear  
75 (ii) MOLECULE TYPE: DNA (genomic)  
77 (vi) ORIGINAL SOURCE:  
78 (A) ORGANISM: hamster, human and mouse  
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
82 AACAGCTTGC TGGTGAAAAG GACCYCTMGA AGTGTGGAT AYARGCCAGA CTGTAAG 57  
85 (2) INFORMATION FOR SEQ ID NO: 3:  
87 (i) SEQUENCE CHARACTERISTICS:  
88 (A) LENGTH: 47 base pairs  
89 (B) TYPE: nucleic acid  
90 (C) STRANDEDNESS: double  
91 (D) TOPOLOGY: linear  
93 (ii) MOLECULE TYPE: DNA (genomic)  
95 (vi) ORIGINAL SOURCE:  
96 (A) ORGANISM: CHO cells  
98 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
100 AACAGCTTGC TGGTGAAAAG GACCTCTCAT ATAGGCCAGA CTGTAAG 47  
103 (2) INFORMATION FOR SEQ ID NO: 4:  
105 (i) SEQUENCE CHARACTERISTICS:  
106 (A) LENGTH: 87 base pairs  
107 (B) TYPE: nucleic acid  
108 (C) STRANDEDNESS: double  
109 (D) TOPOLOGY: linear  
111 (ii) MOLECULE TYPE: DNA (genomic)  
113 (vi) ORIGINAL SOURCE:  
114 (A) ORGANISM: hamster, human and mouse  
116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
118 TACAGTTGTT GGATTGAAA TTCCAGACAA GTTTGTTGTW GGATATGCCC TTGACTATAA 60  
120 TGARTACTTC AGGRATTGTA ATGTAAT 87  
123 (2) INFORMATION FOR SEQ ID NO: 5:  
125 (i) SEQUENCE CHARACTERISTICS:  
126 (A) LENGTH: 87 base pairs  
127 (B) TYPE: nucleic acid  
128 (C) STRANDEDNESS: double  
129 (D) TOPOLOGY: linear  
131 (ii) MOLECULE TYPE: DNA (genomic)  
133 (vi) ORIGINAL SOURCE:  
134 (A) ORGANISM: CHO cells  
138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
140 TACAGTTGTT GGATTGGAAG TTCCAGCAAG TTTGTTGTTG GATATGCCCT TGACTATAAA 60  
142 TGAGTACTTC AGGCATTTGA ATGTAAT 87  
145 (2) INFORMATION FOR SEQ ID NO: 6:  
147 (i) SEQUENCE CHARACTERISTICS:  
148 (A) LENGTH: 24 base pairs

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/09/063,356

TIME: 10:29:21

Input Set : N:\Crf3\RULE60\09063356.raw.txt

Output Set: N:\CRF4\02282005\I063356.raw

```

149          (B) TYPE: nucleic acid
150          (C) STRANDEDNESS: both
151          (D) TOPOLOGY: linear
153      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
155 GTTCTATTGT CTTTCCATA TGTC                                     24
158 (2) INFORMATION FOR SEQ ID NO: 7:
160      (i) SEQUENCE CHARACTERISTICS:
161          (A) LENGTH: 25 base pairs
162          (B) TYPE: nucleic acid
163          (C) STRANDEDNESS: both
164          (D) TOPOLOGY: linear
167      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
169 TCAGTCTGGT CAAATGACGA GGTGC                                     25
172 (2) INFORMATION FOR SEQ ID NO: 8:
174      (i) SEQUENCE CHARACTERISTICS:
175          (A) LENGTH: 24 base pairs
176          (B) TYPE: nucleic acid
177          (C) STRANDEDNESS: both
178          (D) TOPOLOGY: linear
180      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
182 CTGTGATTCT TTACAGTTGT TGGA                                     24
184 (2) INFORMATION FOR SEQ ID NO: 9:
186      (i) SEQUENCE CHARACTERISTICS:
187          (A) LENGTH: 26 base pairs
188          (B) TYPE: nucleic acid
189          (C) STRANDEDNESS: both
190          (D) TOPOLOGY: linear
192      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
194 CATTAAATTAC ATTCAAATCC CTGAAG                                     26
197 (2) INFORMATION FOR SEQ ID NO: 10:
199      (i) SEQUENCE CHARACTERISTICS:
200          (A) LENGTH: 11 base pairs
201          (B) TYPE: nucleic acid
202          (C) STRANDEDNESS: both
203          (D) TOPOLOGY: linear
205      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
207 ACTCATTTAT A                                                  11
210 (2) INFORMATION FOR SEQ ID NO: 11:
212      (i) SEQUENCE CHARACTERISTICS:
213          (A) LENGTH: 10 base pairs
214          (B) TYPE: nucleic acid
215          (C) STRANDEDNESS: both
216          (D) TOPOLOGY: linear
218      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
220 TATATGAGAG                                                    10
223 (2) INFORMATION FOR SEQ ID NO: 12:
225      (i) SEQUENCE CHARACTERISTICS:
226          (A) LENGTH: 10 base pairs
227          (B) TYPE: nucleic acid

```

## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/09/063,356

TIME: 10:29:21

Input Set : N:\Crf3\RULE60\09063356.raw.txt

Output Set: N:\CRF4\02282005\I063356.raw

```

228      (C) STRANDEDNESS: both
229      (D) TOPOLOGY: linear
231      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
233 ATTCCAAATC 10
236 (2) INFORMATION FOR SEQ ID NO: 13:
238      (i) SEQUENCE CHARACTERISTICS:
239          (A) LENGTH: 10 base pairs
240          (B) TYPE: nucleic acid
242          (C) STRANDEDNESS: both
243          (D) TOPOLOGY: linear
245      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
247 TCCAACAAC 10
250 (2) INFORMATION FOR SEQ ID NO: 14:
252      (i) SEQUENCE CHARACTERISTICS:
253          (A) LENGTH: 10 base pairs
254          (B) TYPE: nucleic acid
255          (C) STRANDEDNESS: both
256          (D) TOPOLOGY: linear
258      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
260 ATTTCAAATC 10
263 (2) INFORMATION FOR SEQ ID NO: 15:
265      (i) SEQUENCE CHARACTERISTICS:
266          (A) LENGTH: 10 base pairs
267          (B) TYPE: nucleic acid
268          (C) STRANDEDNESS: both
269          (D) TOPOLOGY: linear
271      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
273 ACAAACTTGT 10
276 (2) INFORMATION FOR SEQ ID NO: 16:
278      (i) SEQUENCE CHARACTERISTICS:
279          (A) LENGTH: 10 base pairs
280          (B) TYPE: nucleic acid
281          (C) STRANDEDNESS: both
282          (D) TOPOLOGY: linear
284      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
286 ACTCATTATA 10
291 (2) INFORMATION FOR SEQ ID NO: 17:
293      (i) SEQUENCE CHARACTERISTICS:
294          (A) LENGTH: 11 base pairs
295          (B) TYPE: nucleic acid
296          (C) STRANDEDNESS: both
297          (D) TOPOLOGY: linear
299      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
301 AATTACATTC A 11

```

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/063,356

DATE: 03/01/2005

TIME: 10:29:22

Input Set : N:\Crf3\RULE60\09063356.raw.txt

Output Set: N:\CRF4\02282005\I063356.raw

L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]